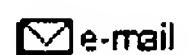


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L11	32	((reallocat\$3 re-allocat\$3) and resource and (premium high superior)).clm.	US-PGPUB	OR	ON	2007/04/28 19:07
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IEEE JNL IEEE Journal or Magazine

IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

**1. A resource management framework for adaptive middleware**

Duran, H.A.; Blair, G.S.

[Object-Oriented Real-Time Distributed Computing, 2000. \(ISORC 2000\) Proceedings. International Symposium on](#)  
2000

Page(s): 206-209

Digital Object Identifier 10.1109/ISORC.2000.839531

**Summary:** The authors introduce a reflective resource management framework that o  
resource awareness and dynamic reallocation of resources for an adaptive middleware.  
The main emphasis of the paper is the design and implementat.....[AbstractPlus](#) | [Full Text: PDF](#) [IEEE CNF](#)**2. RSVP-based QoS control by policy**

Wang-cheol Song; Lutfiyya, H.

[Global Telecommunications Conference, 2002. GLOBECOM '02. IEEE](#)

Volume: 2 17-21 Nov. 2002

Page(s): 1539- 1543 vol.2

Digital Object Identifier 10.1109/GLOCOM.2002.1188456

**Summary:** There is; an emergence of Internet applications that have real-time require  
applications require IP to support guaranteed capacity, higher priority and lower packe  
address this, the Internet Engineering Task Force (IETF) i.....[AbstractPlus](#) | [Full Text: PDF](#) [IEEE CNF](#)[View: 1-2](#) | [View Search Results](#)[Help](#) [Contact Us](#) [Privacy &](#)

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**Key:** IEEE JNL = IEEE Journal or Magazine, IEE JNL = IEE Journal or Magazine, IEEE CNF = IEEE Conference, II CNF = IEE Conference, IEEE STD = IEEE Standard

**1. Improving test quality through resource reallocation**

Adir, A.; Marcus, E.; Rimon, M.; Voskoboinik, A.

High-Level Design Validation and Test Workshop, 2001. Proceedings. Sixth IEEE International  
2001 Page(s):64 - 69

IEEE CNF

**2. Time-aware utility-based QoS optimization**

Curescu, C.; Nadim-Tehrani, S.

Real-Time Systems, 2003. Proceedings. 15th Euromicro Conference on  
2-4 July 2003 Page(s): 83 - 92

IEEE CNF

**3. Channel resource allocation/reallocation in cellular communication and linear programming**

Parra-Hernandez, R.; Dimopoulos, N.

Systems, Man and Cybernetics, 2003. IEEE International Conference on  
Volume 3, 5-8 Oct. 2003 Page(s): 2983 - 2989 vol.3

IEEE CNF

**4. Flexible resource allocation strategies for class-based QoS provisioning in mobile networks**

Cruz-Perez, F.A.; Ortigoza-Guerrero, L.

Vehicular Technology, IEEE Transactions on  
Volume 53, Issue 3, May 2004 Page(s): 805 - 819

IEEE JNL

**5. Time-aware utility-based resource allocation in wireless networks**

Curescu, C.; Nadim-Tehrani, S.

Parallel and Distributed Systems, IEEE Transactions on  
Volume 16, Issue 7, July 2005 Page(s): 624 - 636

IEEE JNL

**6. Using automatically derived load thresholds to manage compute resources on-demand**

Appleby, K.; Goldszmidt, G.

Integrated Network Management, 2005. IM 2005. 2005 9th IFIP/IEEE International Symposium on  
15-19 May 2005 Page(s): 747 - 760

IEEE CNF

? b compsci

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[File 275] **Gale Group Computer DB(TM)** 1983-2007/Apr 27

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[File 434] **SciSearch(R) Cited Ref Sci** 1974-1989/Dec

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[File 647] **CMP Computer Fulltext** 1988-2007/Jul W2

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[File 674] **Computer News Fulltext** 1989-2006/Sep W1

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[File 696] **DIALOG Telecom. Newsletters** 1995-2007/Apr 27

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? s (re-allocat??? or reallocat??? or reassign???) (10n)resource?(s)(contract or agreement  
or SLA)(s)breach???

20 RE-ALLOCAT???

9408 REALLOCAT???

6617 REASSIGN???

1506648 RESOURCE?

319427 CONTRACT

1590622 AGREEMENT

9669 SLA

31293 BREACH???

S1 1 S (RE-ALLOCAT???) OR REALLOCAT???) OR REASSIGN???) (10N)RESOURCE?(S)(CONTRACT  
OR AGREEMENT OR SLA)(S)BREACH???

? t s1/6,k/1

1/6,K/1 (Item 1 from file: 674) Links

Computer News Fulltext

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088868

**Wares extraordinaire**

Network World columnists and newsletter writers talk about category-breaking products and services.

**Publication Date:** November 13, 2000

**Text:**

...connection. From this support center, SilverBack can perform outsourced management functions, such as service-level **agreement (SLA)** monitoring, internal IT trouble-ticket response (such as first-level tech support), software monitoring and...a receptive market among consumers who worry about their increasing financial exposure to network security **breaches**, considering the range of banking, brokerage and other accounts accessible online. This wireless smart card...its most valuable customers from unpredictable or unacceptable service levels. In addition, eAssurance can dynamically **reallocates resource capacity** according to service-level objectives. This feature ensures that e-businesses and service providers...

...proactively managing SLAs by allocating more resources to a customer when service levels are reaching **SLA** thresholds. Savings in **SLA** violation penalties could be big. Unlike other service-level management (SLM) products, eAssurance doesn't...

[File 123] **CLAIMS(R)/Current Legal Status** 1980-2007/Apr 24

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\*File 123: Reassignment data is now updated weekly.

[File 324] **German Patents Fulltext** 1967-200715

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[File 340] **CLAIMS(R)/US Patent** 1950-07/Apr 24

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\*File 340: The 2006 reload is online as of December 1, 2006. IPCR/8 is available.

[File 342] **Derwent Patents Citation Indx** 1978-07/200724

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[File 344] **Chinese Patents Abs** Jan 1985-2006/Jan

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[File 345] **Inpadoc/Fam.& Legal Stat** 1968-2007/UD=200717

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\*File 345: Preview the enhanced INPADOC database in ONTAP File 253. For more information, visit [www.dialog.com/inpadoc](http://www.dialog.com/inpadoc).

[File 347] **JAPIO** Dec 1976-2006/Dec(Updated 070403)

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[File 348] **EUROPEAN PATENTS** 1978-2007/ 200716

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[File 349] **PCT FULLTEXT** 1979-2007/UB=20070419UT=20070312

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[File 652] **US Patents Fulltext 1971-1975**

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[File 654] **US PAT.FULL.** 1976-2007/APR 26

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[File 670] **LitAlert** 1973-2007/UD=200715

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85 RE-ALLOCAT???

17266 REALLOCAT???

83557 REASSIGN???

485219 RESOURCE?

195143 CONTRACT

304727 AGREEMENT

10743 SLA

34218 BREACH???

S1 8 S (RE-ALLOCAT??? OR REALLOCAT??? OR REASSIGN???) (10N) RESOURCE? (S) (CONTRACT OR AGREEMENT OR SLA) (S) BREACH???

? t s1/6,k/all

1/6,K/1 (Item 1 from file: 340) Links

11136528 2006-0085544

E/ALGORITHM FOR MINIMIZING REBATE VALUE DUE TO SLA BREACH IN A  
UTILITY COMPUTING ENVIRONMENT

Abstract: ...process for minimizing the overall rebate a provider disburses to customers when a service level agreement (SLA) breach occurs in a utility computing environment. Specifically, the process compares performance data and resource usage with the SLAs of the customers, and reallocates shared resources to those customers who represent a lesser penalty to the provider in the event of an SLA breach. The process determines which resources, used by customers representing the lesser penalty, are operating below peak capacity. The process then reallocates these underutilized resources to those customers requiring additional resources to meet SLA thresholds. If all resources are operating at peak capacity, the process reallocates the resources to those

customers whose SLAs represent a greater penalty in the event of an **SLA breach** as compared to those customers whose SLAs provide for a lesser penalty, thereby minimizing the total rebate due upon an **SLA breach**.